

Remarks

Claims 2, 8-17, 19-43 and 45 are pending, of which claims 2, 17, 19-43 and 45 have been examined, while claims 8-16 are withdrawn. Of the examined claims 2, 17, 19-43 and 45, claims 2, 24, 30 and 38 are independent. By virtue of this response, independent claims 2, 24, 30 and 38 are amended. Claims 1, 3-7, 18 and 44 are canceled, or were previously canceled. No new matter has been added.

Claims 24, 25 and 28 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 6,639,354 to Kojima et al. (Kojima).

Claims 2, 20, 22, 23 and 45 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,307,528 to Yap (Yap) in view U.S. Patent No. 6,447,612 to Moriyama et al. (Moriyama). Claim 19 is rejected under 35 U.S.C. 103(a) as being unpatentable over are rjected under 35 U.S.C. 103(a) as being unpatentable over Yap in view of Moriyama as applied to claims 2, 20, 22, 23 and 45 above, and further in view of U.S. Patent No. 5,998,803 to Forrest et al. (Forrest). Claim 27 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kojima in view of Forrest.

Claims 30, 31 and 34-37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yap in view of U.S. Patent No. 6,380,007 to Koyama (Koyama). Claims 17 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yap in view of Moriyama, and further in view of Koyama. Claim 26 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kojima in view of Moriyama.

Claims 29, 38, 39, 42 and 43 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kojima in view of Koyama. Claim 32 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yap in view of Koyama, and further in view of Moriyama. Claim 33 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yap in view of Koyama, and further in view of Forrest. Claim 40 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kojima in view of Koyama, and further in view of Moriyama. Claims 41 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kojima in view of Koyama, and further in view of Forrest.

Regarding the rejection of claims 24, 25 and 28 under 35 U.S.C. 102(e) as being anticipated by Kojima, Applicant respectfully submits that Kojima does not disclose or properly suggest all of the features of independent claim 24, as amended.

For example, independent claim 24 recites (with emphasis added):

A light emitting device comprising:
a metal substrate;
an insulating film over a first surface of the metal substrate;
a light emitting element over the insulating film;
said light emitting element including:
an anode;
a cathode; and
an EL material interposed between the anode and the
cathode, and
a substrate holder under a majority of a surface of the
metal substrate opposite the first surface,
wherein the substrate holder is made of stainless steel,
ceramic or alumina.

Support for the limitation “wherein the substrate holder is made of stainless steel, ceramic or alumina” may be found at, for example, page 5, lines 5-6 of Applicant's specification. As Kojima does not disclose or properly suggest at least this feature of independent claim 24, Applicant respectfully submits that claim 24 is allowable for at least this reason, so that dependent claims 25 to 29 are allowable for at least the same reason.

Regarding the rejection of claim 2 under 35 U.S.C. 103(a) as being unpatentable over Yap in view of Moriyama, Applicant respectfully submits that neither Yap nor Moriyama, nor any proper combination of the two, discloses or properly suggests all of the limitations of independent claim 2, as amended.

For example, independent claim 2 recites (with emphasis added):

A light emitting device comprising:
a substrate having a metallic surface;
a first insulating film over the substrate having the metallic
surface;
at least one thin film transistor over the first insulating film;
a second insulating film over the at least one thin film
transistor;

a light shielding film over the second insulating film; and
a light emitting element over the light shielding film;
said light emitting element including:
an anode;
a cathode; and
an EL material interposed between the anode and
the cathode; and
wherein a thickness of the substrate having the metallic
surface is in a range of 5 to 30 μm , and
wherein the light shielding film is made of a resin film.

Support for the limitation "wherein the light shielding film is made of a resin film" may be found at, for example, page 5, lines 5-6 of Applicant's specification. As neither Yap nor Moriyama, nor any proper combination of the two, discloses or properly suggests at least this feature of independent claim 2, Applicant respectfully submits that claim 2 is allowable for at least this reason, so that dependent claims 17, 19 to 23, and 45 are allowable for at least the same reason.

Regarding the rejection of independent claim 30 under 35 U.S.C. 103(a) as being unpatentable over Yap in view of Koyama, Applicant similarly submits that neither Yap nor Koyama, nor any proper combination of the two, discloses or properly suggests all of the limitations of independent claim 30, as amended.

For example, independent claim 30 recites (with emphasis added):

A light emitting device comprising:
a substrate holder;
a metal substrate over the entire surface of the substrate holder;
an insulating film over the metal substrate; and
a light emitting element over the insulating film;
said light emitting element including:
an anode;
a cathode; and
an EL material interposed between the anode and the cathode; and
a light shielding film provided between the light emitting element and the substrate
having the metallic surface and overlapped with the light emitting element,
wherein the substrate holder is made of stainless steel, ceramic or alumina.

As discussed above, none of the art of record discloses or properly suggests, ““wherein the substrate holder is made of stainless steel, ceramic or alumina,” as recited in independent claim 30. Further, although the office action asserts in paragraph 7 that Koyama discloses, “...a light emitting device with a substrate ... and a substrate holder under the substrate in order to combine the display area with the circuitry and power connection,” Applicant respectfully submits that Koyama does not disclose or properly suggest “a metal substrate over the entire surface of the substrate holder,” as recited in claim 30. Accordingly, Applicant respectfully submits that independent claim 30, along with its dependent claims 31 to 37, is allowable for at least these reasons.

Regarding the rejection of independent claim 38 under 35 U.S.C. 103(a) as being unpatentable over Kojima in view of Koyama, Applicant similarly submits that neither Kojima nor Koyama, nor any proper combination of the two, discloses or properly suggests all of the limitations of independent claim 38, as amended.

For example, independent claim 38 recites (with emphasis added):

A light emitting device comprising:
a metal substrate;
a first insulating film over a first surface of the metal substrate;
at least one thin film transistor over the first insulating film;
a second insulating film over the at least one thin film transistor;
a first electrode over the second insulating film wherein the first electrode is electrically connected with the thin film transistor;
a light emitting layer over the first electrode;
a second electrode over the light emitting layer; and
a substrate holder under a majority of a surface of the metal substrate opposite the first surface,
wherein the substrate holder is made of stainless steel, ceramic or alumina.

As already discussed, none of the prior art of record (and, in particular, neither Kojima nor Koyama, nor any proper combination of two) discloses or properly suggests at least the feature of “wherein the substrate holder is made of stainless steel, ceramic or alumina.” Therefore, Applicant respectfully submits that independent claim 38, along with its dependent claims 39 to 43, is allowable for at least this reason.

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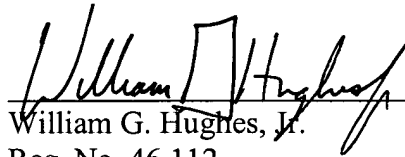
Based on the above, Applicant submits that independent claims 2, 24, 30 and 38, along with their dependent claims 17, 19-23, 25-29, 31-37, 39-43 and 45, are allowable for at least the discussed reasons, and such action is requested in the Examiner's next official communication.

Please apply any charges or credits to deposit account 06-1050.

Respectfully submitted,

Date: _____

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